IN THE CLAIMS

Please cancel claims 3, 15, 26, 37, 39, and 44 without prejudice.

Please amend claims 1, 13, 24, 33, 38, and 43 as follows:

1. (Currently Amended) A processing system, comprising:

a processor; and

memory storing instructions executable by the processor, the instructions comprising:

a drive command module adapted to receive an I/O request from a client application referencing a local peripheral address of a peripheral device for processing of the I/O request; and

a network redirector communicatively coupled to the drive command module, wherein the redirector is invoked by the drive command module, the redirector adapted to automatically and transparent to the client application convey the I/O request over a communication network to a remote peripheral device for processing of the I/O request. wherein the redirector is adapted to replace the local peripheral address of the I/O request with an address associated with the remote peripheral device.

2. (Original) The system of claim 1, wherein the redirector is adapted to correlate the local peripheral address with an address of the remote peripheral device.

3. (Cancelled)

4. (Original) The system of claim 1, wherein the drive command module is adapted to call a bus driver associated with the local peripheral address to invoke the redirector.

5. (Original) The system of claim 1, further comprising a network server adapted to receive the I/O request from the communication network and execute a command to process the I/O request via the remote peripheral device.

6. (Original) The system of claim 1, wherein the I/O request comprises a field identifying the local peripheral address.

7. (Original) The system of claim 1, further comprising a relational database having information associated with correlating the local peripheral address to an address of the remote peripheral device.

8. (Original) The system of claim 1, wherein the redirector is adapted to format a drive command issued by the drive command module for delivery over the communication network to the remote peripheral device.

9. (Original) The system of claim 8, wherein the redirector is adapted to insert an address associated with the remote peripheral device into the drive command.

10. (Original) The system of claim 1, further comprising a network server adapted to receive the I/O request from the communication network and extract an address associated with the remote peripheral device.

11. (Original) The system of claim 1, the local peripheral address corresponding to a local peripheral address of a host device of the drive command module.

12. (Original) The system of claim 11, the redirector disposed on the host device.

13. (Currently Amended) A method for input/output (I/O) request processing, comprising:

receiving an I/O request from a client application referencing a local peripheral address of a peripheral device for processing of the I/O request;~~ and~~

automatically and transparent to the client application invoking a network redirector adapted to convey the I/O request to a communication network to enable processing of the I/O request by a remote peripheral device; and

replacing the local peripheral address of the I/O request with an address associated with the remote peripheral device.

14. (Original) The method of claim 13, further comprising correlating the local peripheral address with an address of the remote peripheral device.

15. (Cancelled)

16. (Original) The method of claim 13, further comprising calling a bus driver associated with the local peripheral address to invoke the redirector.

17. (Original) The method of claim 13, further comprising replacing the local peripheral address of the I/O request with an address associated with the remote peripheral device.

18. (Original) The method of claim 13, further comprising extracting an address associated with the remote peripheral device from a field of the I/O request.

19. (Original) The method of claim 13, further comprising accessing a relational database having information associated with correlating the local peripheral address to an address of the remote peripheral device.

20. (Original) The method of claim 13, further comprising formatting a drive command associated with the I/O request for delivery over the communication network to the remote peripheral device.

21. (Original) The method of claim 20, further comprising inserting an address associated with the remote peripheral device into the drive command.

22. (Original) The method of claim 13, wherein receiving an I/O request comprises receiving an I/O request of a host device referencing the local peripheral address of the host device.

23. (Original) The method of claim 22, wherein automatically invoking comprises automatically invoking a redirector disposed on the host device.

24. (Currently Amended) A processing system, comprising:

a processor; and

memory storing instructions executable by the processor, the instructions comprising:

a drive command module adapted to receive a command from a client application to record data to an optical medium; and

a network redirector communicatively coupled to the drive command module, wherein the redirector is invoked by the drive command module, the redirector adapted to receive the drive command from the drive command module and automatically and transparent to the client application format the command for processing by a remote optical drive, wherein the redirector is adapted to automatically replace a local peripheral address associated with the drive command with an address associated with the remote optical drive.

25. (Original) The system of claim 24, wherein the drive command references a local peripheral address.

26. (Cancelled)

27. (Original) The system of claim 24, wherein the redirector is adapted to correlate a local peripheral address associated with the drive command with an address of the remote optical drive.

28. (Original) The system of claim 24, further comprising a relational database having information associated with correlating the drive command to an address of the remote optical drive.

29. (Original) The system of claim 24, wherein the drive command comprises a field referencing an address associated with the remote optical drive.

30. (Original) The system of claim 24, wherein the redirector is adapted to extract from the drive command an address associated with the remote optical drive.

31. (Original) The system of claim 24, wherein the drive command references the local peripheral address of a host device of the drive command module.

32. (Original) The system of claim 31, the redirector disposed on the host device.

33. (Currently Amended) A processing system, comprising:

a processor; and

memory storing instructions executable by the processor, the instructions comprising:

means for receiving an I/O request from a client application referencing a local peripheral address of a peripheral device for processing of the I/O request; ~~and~~

means, communicatively coupled to the receiving means, for automatically conveying the I/O request over a communication network to a remote peripheral device; and

means for inserting an address associated with the remote peripheral device into a drive command issued by the receiving means.

34. (Original) The system of claim 33, further comprising means for correlating the local peripheral address with an address associated with the remote peripheral device.

35. (Original) The system of claim 33, further comprising means for extracting an address associated with the remote peripheral device from a drive command issued by the receiving means.

36. (Original) The system of claim 33, further comprising means for formatting a drive command issued by the receiving means for delivery over the communications network to the remote peripheral device.

37. (Cancelled)

38. (Currently Amended) An input/output (I/O) request processing method, comprising:

receiving a drive command from a client application at a host device to record data to an optical medium; ~~and~~

automatically and transparent to the client application formatting the drive command for processing by a remote optical drive; and

automatically replacing a local peripheral address associated with the drive command with an address associated with the remote optical drive.

39. (Cancelled)

40. (Original) The method of claim 38, further comprising automatically correlating a local peripheral address associated with the drive command with an address of the remote optical drive.

41. (Original) The method of claim 38, further comprising extracting from a field of the drive command an address associated with the remote optical drive.

42. (Original) The method of claim 38, wherein receiving a drive command comprises receiving a drive command issued by the host device.

43. (Currently Amended) A computer readable medium having stored thereon an instruction set to be executed, the instruction set, when executed by a processor, causes the processor to:

receive an input/output (I/O) request from a client application referencing a local peripheral address of a peripheral device for processing of the I/O request; and

automatically and transparent to the client application convey the I/O request over a communication network to a remote peripheral device for processing of the I/O request, wherein the instruction set, when executed by a processor, causes the processor to replace the local peripheral address with an address associated with the remote peripheral device.

44. (Cancelled)

45. (Original) The computer-readable medium according to claim 43, wherein the instruction set, when executed by a processor, causes the processor to automatically extract an address associated with the remote peripheral device from a drive command associated with the I/O request.

46. (Original) The computer-readable medium according to claim 43, wherein the instruction set, when executed by a processor, causes the processor to automatically correlate the local peripheral address with an address associated with the remote peripheral device.

47. (Original) The computer-readable medium according to claim 43, wherein the instruction set, when executed by a processor, causes the processor to format a drive command associated with the I/O request for delivery over the communication network to the remote peripheral device.

48. (Original) The computer-readable medium according to claim 43, wherein the instruction set, when executed by a processor, causes the processor to receive the I/O request from a host device referencing the local peripheral address of the host device.